

**54411 to 54424—Continued.**

**54416 to 54419.** *Midzuna* (water vegetable). A variety with several hundred tufted leaves growing from one root; several flower stalks grow up between the leaves. In general character the plant resembles *aburana* except that the deeply incised serrate leaves are more slender and the small slender pods are round instead of flat. This variety is commonly planted in Mino Province and is called *seneuzi* (thousand fibers) in the city of Kyoto.

**54416.** *Midzuna, nakate* (midseason).

**54417 and 54418.** *Midzuna, okute*. A large coarse variety of *midzuna* which is planted in autumn. The leaves are deeply incised but not so slender as those of the common *midzuna*. It tastes slightly bitter like *midzuna* but is without the disagreeable odor of *takana*.

**54417.** *Midzuna, okute* (late).

**54418.** *Midzuna, okute dai* (late and large).

**54419.** *Midzuna, wase* (early).

**54420.** *Suigukina*. A variety extensively cultivated at Kamo Village, Yamashiro Province, and mostly used to make "aemono" (mixed salad). The plant is similar to *aburana* except that the radical leaves somewhat resemble those of *midzuna* and the stem leaves have much deeper incisions. The yellow flowers are  $1\frac{1}{4}$  inches across.

**54421 to 54424.** *Takana*.

**54421.** *Takana* (common). A plant 3 to 4 feet high, with large stiff blunt-tipped leaves. In spring the stems and leaves are picked and eaten, therefore the name *kakina* (picked vegetable) or *takana*. It has a pungent taste and when boiled has a bad odor. The flowering season follows the ordinary *karashina*.

**54422.** *Takana, katsnoma* (especially delicious one). For description, see S. P. I. No. 54421.

**54423.** *Takana, murasaki* (purple variety). Similar in general appearance to *takana* (common) but with incised sharply serrate leaves of a purplish color. The taste is less pungent than that of *takana*.

**54424.** *Takana, shiro* (white). For description, see S. P. I. No. 54421.

**54425. HOLCUS SORGHUM L. Poaceæ.****Sorghum.**

(*Sorghum vulgare* Pers.)

From Mongalla, Anglo-Egyptian Sudan. Seeds collected by Dr. H. L. Shantz, Agricultural Explorer of the United States Department of Agriculture. Received December 9, 1920. Numbered September, 1921.

"(No. 1488. Mongalla, Anglo-Egyptian Sudan. August 8, 1920.) Dark hull, not awned." (Shantz.)